

PATENT APPLICATION FEE DETERMINATION RECORD
Effective November 10, 1998

Application or Docket Number

CLAIMS AS FILED - PART I

(Column 1) (Column 2)

| FOR | NUMBER FILED | NUMBER EXTRA |
|----------------------------------|--------------|--------------|
| BASIC FEE | | |
| TOTAL CLAIMS | minus 20 = * | |
| INDEPENDENT CLAIMS | minus 3 = * | |
| MULTIPLE DEPENDENT CLAIM PRESENT | | |

* If the difference in column 1 is less than zero, enter "0" in column 2

CLAIMS AS AMENDED - PART II

(Column 1) (Column 2) (Column 3)

| AMENDMENT A | CLAIMS REMAINING AFTER AMENDMENT | | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA |
|--|---|-------|---|------------------|
| | Total | * 24 | Minus | ** 24 |
| Independent | * 5 | Minus | *** 5 | = |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM | | | | |

| SMALL ENTITY | | OTHER THAN SMALL ENTITY | |
|--------------|--------|----------------------------|--------|
| RATE | Fee | RATE | Fee |
| | 380.00 | OR | 760.00 |
| X\$ 9= | | OR | X\$18= |
| X39= | | OR | X78= |
| +130= | | OR | +260= |
| TOTAL | | OR TOTAL | |

| SMALL ENTITY | | OTHER THAN SMALL ENTITY | |
|------------------|------------------------|----------------------------|------------------------|
| RATE | ADDI- TIONAL FEE | RATE | ADDI- TIONAL FEE |
| X\$ 9= | | OR X\$18= | |
| X39= | | OR X78= | |
| +130= | | OR +260= | |
| TOTAL ADDIT. FEE | | OR TOTAL ADDIT. FEE | |

| AMENDMENT B | CLAIMS REMAINING AFTER AMENDMENT | | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA |
|--|---|-------|---|------------------|
| | Total | * | Minus | ** |
| Independent | * | Minus | *** | = |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM | | | | |

| RATE | | ADDITIONAL FEE | |
|------------------|--|---------------------|--|
| X\$ 9= | | OR X\$18= | |
| X39= | | OR X78= | |
| +130= | | OR +260= | |
| TOTAL ADDIT. FEE | | OR TOTAL ADDIT. FEE | |

| AMENDMENT C | CLAIMS REMAINING AFTER AMENDMENT | | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA |
|--|---|-------|---|------------------|
| | Total | * | Minus | ** |
| Independent | * | Minus | *** | = 4 |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM | | | | |

| RATE | | ADDITIONAL FEE | |
|------------------|--|---------------------|--|
| X\$ 9= | | OR X\$18= | |
| X39= | | OR X78= | |
| +130= | | OR +260= | |
| TOTAL ADDIT. FEE | | OR TOTAL ADDIT. FEE | |

- * If the entry in column 1 is less than the entry in column 2, write "0" in column 3.
- ** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20."
- *** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3."

The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

PATENT APPLICATION FEE DETERMINATION RECORD

Effective JANUARY, 2003

09/396303

CLAIMS AS FILED - PART I

(Column 1) (Column 2)

| | | |
|----------------------------------|-----------------|--------------------------|
| TOTAL CLAIMS | | |
| FOR | NUMBER FILED | NUMBER EXTRA |
| TOTAL CHARGEABLE CLAIMS | 25 minus 20 = * | |
| INDEPENDENT CLAIMS | 24 minus 3 = * | |
| MULTIPLE DEPENDENT CLAIM PRESENT | | <input type="checkbox"/> |

SMALL ENTITY
TYPE OTHER THAN
OR SMALL ENTITY

| RATE | Fee |
|-----------|--------|
| BASIC FEE | 375.00 |
| X\$ 9= | |
| X42= | |
| +140= | |
| TOTAL | |

| RATE | Fee |
|-----------|--------|
| BASIC FEE | 770.00 |
| X\$18= | |
| X86= | |
| +280= | |
| TOTAL | |

* If the difference in column 1 is less than zero, enter "0" in column 2

CLAIMS AS AMENDED - PART II

(Column 1) (Column 2) (Column 3)

| AMENDMENT A | CLAIMS REMAINING AFTER AMENDMENT | | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA |
|--|---|-------------|---|------------------|
| | Total | Independent | Minus | ** = |
| | | | | |
| | | | | |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM | <input type="checkbox"/> | | | |

SMALL ENTITY

OTHER THAN
OR SMALL ENTITY

| RATE | ADDI- TIONAL FEE |
|------------------|------------------------|
| X\$ 9= | |
| X42= | |
| +140= | |
| TOTAL ADDIT. FEE | |

| RATE | ADDI- TIONAL FEE |
|------------------|------------------------|
| X\$18= | |
| X86= | |
| +280= | |
| TOTAL ADDIT. FEE | |

(Column 1) (Column 2) (Column 3)

| AMENDMENT B | CLAIMS REMAINING AFTER AMENDMENT | | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA |
|--|---|-------------|---|------------------|
| | Total | Independent | Minus | ** = |
| | | | | |
| | | | | |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM | <input type="checkbox"/> | | | |

| RATE | ADDI- TIONAL FEE |
|------------------|------------------------|
| X\$ 9= | |
| X42= | |
| +140= | |
| TOTAL ADDIT. FEE | |

| RATE | ADDI- TIONAL FEE |
|------------------|------------------------|
| X\$18= | |
| X86= | |
| +280= | |
| TOTAL ADDIT. FEE | |

(Column 1) (Column 2) (Column 3)

| AMENDMENT C | CLAIMS REMAINING AFTER AMENDMENT | | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA |
|--|---|-------------|---|------------------|
| | Total | Independent | Minus | ** = |
| | | | | |
| | | | | |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM | <input type="checkbox"/> | | | |

| RATE | ADDI- TIONAL FEE |
|------------------|------------------------|
| X\$ 9= | |
| X42= | |
| +140= | |
| TOTAL ADDIT. FEE | |

| RATE | ADDI- TIONAL FEE |
|------------------|------------------------|
| X\$18= | |
| X86= | |
| +280= | |
| TOTAL ADDIT. FEE | |

* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.

** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20."

*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3."

The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

PATENT APPLICATION FEE DETERMINATION RECORD

Effective November 10, 1998

Application or Docket Number

9816303

CLAIMS AS FILED - PART I

(Column 1)

(Column 2)

| FOR | NUMBER FILED | NUMBER EXTRA |
|----------------------------------|-----------------|--------------|
| BASIC FEE | | |
| TOTAL CLAIMS | 12 minus 20 = * | |
| INDEPENDENT CLAIMS | 12 minus 3 = * | |
| MULTIPLE DEPENDENT CLAIM PRESENT | | |

* If the difference in column 1 is less than zero, enter "0" in column 2

CLAIMS AS AMENDED - PART II

(Column 1)

(Column 2)

(Column 3)

| AMENDMENT A | CLAIMS REMAINING AFTER AMENDMENT | | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA |
|--|---|---|---|------------------|
| | Total | * | 17 Minus | ** / / = / / |
| Independent | | * | 2 Minus | *** / / = / / |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM | | | | |

SMALL ENTITY
TYPE

OTHER THAN
SMALL ENTITY
OR

| | |
|--------|--------|
| RATE | Fee |
| | 380.00 |
| X\$ 9= | |
| X39= | |
| +130= | |
| TOTAL | |

| | |
|----------|--------|
| RATE | Fee |
| | 760.00 |
| X\$18= | |
| X78= | |
| +260= | |
| OR TOTAL | 0/00 |

OTHER THAN
SMALL ENTITY

| SMALL ENTITY | OR |
|------------------|-----------------|
| RATE | ADDI-TIONAL FEE |
| X\$ 9= | |
| X39= | |
| +130= | |
| TOTAL ADDIT. FEE | |

| | |
|---------------------|-----------------|
| RATE | ADDI-TIONAL FEE |
| X\$18= | |
| X78= | |
| +260= | |
| OR TOTAL ADDIT. FEE | |

(Column 1)

(Column 2)

(Column 3)

| AMENDMENT B | CLAIMS REMAINING AFTER AMENDMENT | | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA | |
|--|---|---|---|------------------|---|
| | Total | * | Minus | ** | = |
| Independent | | * | Minus | *** | = |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM | | | | | |

| RATE | ADDI-TIONAL FEE |
|------------------|-----------------|
| X\$ 9= | |
| X39= | |
| +130= | |
| TOTAL ADDIT. FEE | |

| | |
|---------------------|-----------------|
| RATE | ADDI-TIONAL FEE |
| X\$18= | |
| X78= | |
| +260= | |
| OR TOTAL ADDIT. FEE | |

(Column 1)

(Column 2)

(Column 3)

| AMENDMENT C | CLAIMS REMAINING AFTER AMENDMENT | | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA | |
|--|---|---|---|------------------|-----|
| | Total | * | 24 Minus | 20 | = 4 |
| Independent | | * | 5 Minus | 3 | = 2 |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM | | | | | |

| RATE | ADDI-TIONAL FEE |
|------------------|-----------------|
| X\$ 9= | |
| X39= | |
| +130= | |
| TOTAL ADDIT. FEE | |

| | |
|---------------------|-----------------|
| RATE | ADDI-TIONAL FEE |
| X\$18= | 72 |
| X78= | 168 |
| +260= | |
| OR TOTAL ADDIT. FEE | 240 |

* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.

** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".

*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".

The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.